

SSC DETECTOR SOLENOID DESIGN NOTE #19A

TITLE: Revision to DN #19 for a Seven-Layer Coil

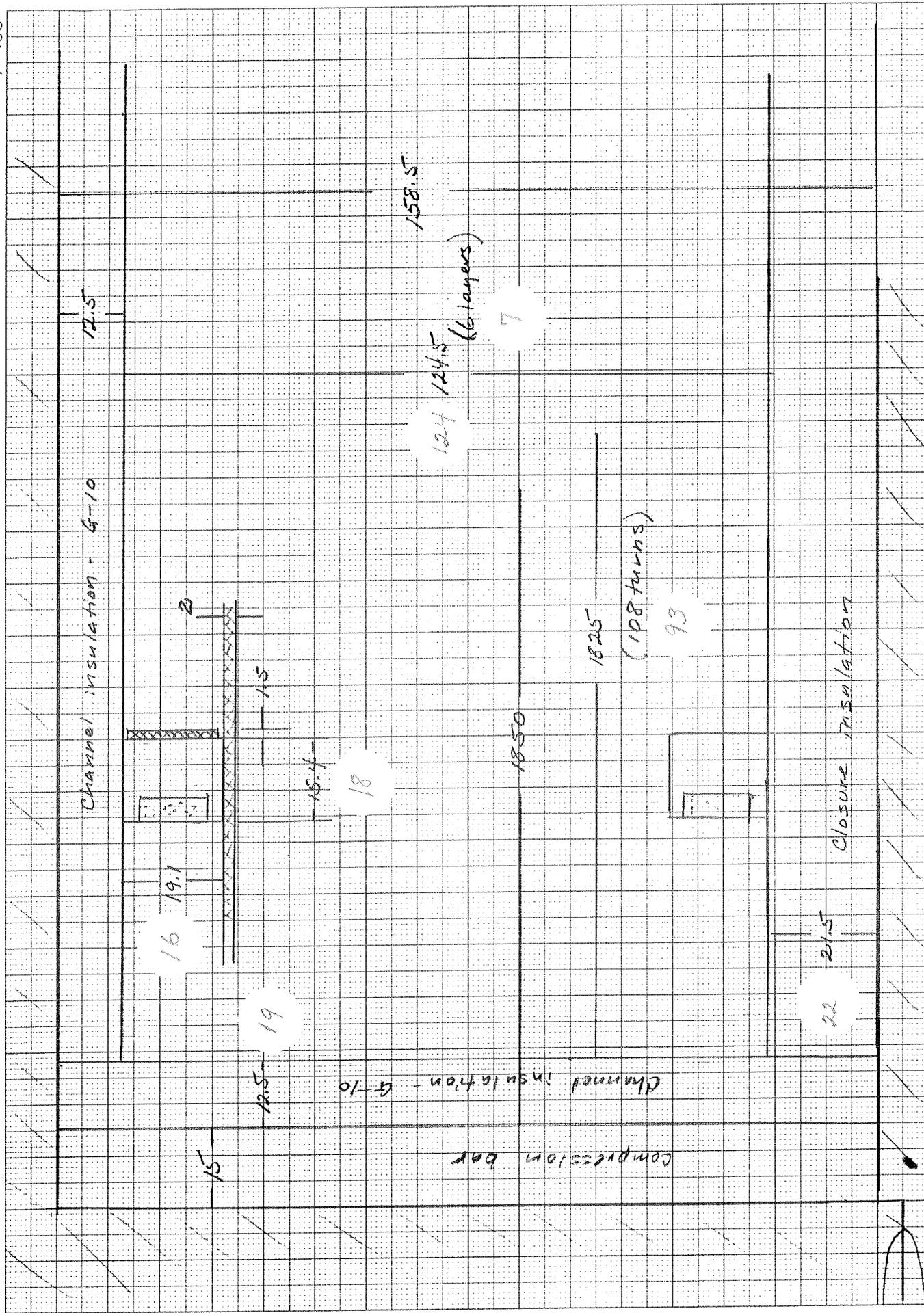
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DATE: May 5, 1988

SUMMARY: The revised coil design has 7 layers x 93 turns and $J(\text{cond}) = 1736 \text{ A/cm}^2$ at 5 kA, $N = 651$, and $NI = 3.255 \times 10^6$ at 5 kA. The revised dimensions are given in the white circles in the figure.

Revised 5/5/88 - RWF
7-layer coil

RWF
4/15/88



dimensions in mm.